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## Index to recent Literature relating to American Botany

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This Index is intended to include (1) Titles of all papers and books relating to American plants ; (2) All papers on botanical subjects by American botanists ; (3) Papers of special interest relating to physiological or morphological subjects wherever published. Botanists can aid greatly in this matter by the contribution of separates of their papers especially those published outside the usual botanical journals, such as the publications of learned societies, experiment station bulletins and reports, and journals only occasionally containing botanical matter.

The titles are reprinted monthly on standard library cards of two widths, and are sold to subscribers at the price of one cent per card.

The editors will welcome any notice of omitted titles or other suggestions relative to the greater efficiency of the Index. Address all matter relating to the Index to The Torrey Botanical Club, Columbia University, New York City.

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**Arthur, J. C., & Stuart, W.** Corn Smut. Rep. Indiana Agric. Exp. Sta., **12**: 84-135. *pl.* 10-13. F. 1900.

**Averill, C. K.** The Distribution of certain Trees and Shrubs in Western Connecticut. *Rhodora*, **2**: 34-38. Feb. 1900.

**Beal, W. J.** Notes on *Cabomba Caroliniana* A. Gray. Bull. Torr. Club, **27**: 86. 14 F. 1900.

**Beal, W. J.** Some Monstrosities in Spikelets of *Eragrostis* and *Setaria*. Bull. Torr. Club, **27**: 85, 86. 17 F. 1900.

**Becker, K.** *Cereus Peruvianus* Mill. Monatsch. für Kakteenkunde, **10**: 6. 15 Ja. 1900. [Illust.]

**Bessey, C. E.** One thousand Miles for a Fern. Asa Gray Bull. **8**: 2-6. F. 1900.

**Brainerd, E.** The Blackberries of New England. *Rhodora*, **2**: 23-29. F. 1900.

Mentions 13 species and varieties. *Rubus sativus* (Bailey) Brainerd raised from *R. nigrobaccus sativus* Bailey.

**Brainerd, E.** Typical *Goodyera repens* in New England. *Rhodora*, **2**: 22. Ja. 1900.

- Burt, E. A.** *Russula emetica* in Vermont. *Rhodora*, 2: 71-73. Mh. 1900.
- Camerarius, R. J.** Das Geschlecht der Pflanzen. Leipzig, 1899.
- Canby, W. M.** *Coreopsis involucreta* on the Atlantic Coast. *Rhodora*, 2: 34. F. 1900.
- Carleton, M. A.** Russian Cereals adapted for Cultivation in the United States. Bull. U. S. Dept. Agric. (Div. Bot.), 23: 1-42. *pl. 1, 2. f. 1, 2.* 1900.
- Churchill, J. R.** An unusual Form of *Drosera*. *Rhodora*, 2: 70, 71. *pl. 15. f. 8.* M. 1900.
- Clarke, C. B.** Cyperaceae. Symb. Antillanae, 2: 8-160. 15 Ja. 1900.  
Descriptions of all West Indian species ; many new.
- Clendenin, I.** Botanical Teaching in secondary Schools. Asa Gray Bull. 8: 6-13. F. 1900.
- Cockerell, T. D. A.** Notes on some Southwestern Plants. Bull. Torr. Club, 27: 87-89. 17 F. 1900.
- Collins, F. S.** Notes on Algae—II. *Rhodora*, 2: 11-14. Ja. 1900.  
One new variety and three new forms described.
- Collins, F. S.** Preliminary Lists of New England Plants—V. Marine Algae. *Rhodora*, 2: 41-52. F. 1900.
- Day, M. A.** The local Floras of New England (Addenda). *Rhodora*, 2: 73, 74. Mh. 1900.
- Earle, F. S.** Some Florida Fungi. Bull. Torr. Club, 27: 120-123. 24 Mh. 1900.  
New species in *Asterina*, *Lembosia*, and *Leptothyrium*.
- Eastwood, A.** Key and Flora [to Bergen's Elements of Botany]. Rocky Mountain Edition, 1-139. 1900.
- Eggleston, W. W.** Further Notes on the Distribution and Host Plants of *Arceuthobium pusillum*. *Rhodora*, 2: 9, 10. Ja. 1900.
- Eggleston, W. W.** *Hudsonia ericoides* in New Hampshire. *Rhodora*, 2: 22. Ja. 1900.
- Eggleston, W. W.** *Polymnia Canadensis* in Vermont. *Rhodora*, 2: 70. Mh. 1900.
- Ellis, J. B., & Everhart, B. M.** New Species of Fungi from various Localities with Notes on some published Species. Bull. Torr. Club, 27: 49-64. 17 F. 1900.  
New species in *Corticium*, *Hymenochaete*, *Zygodesmus*, *Mucronoporus*, *Dacryomyces*, *Asterina*, *Melanomma*, *Amphisphaeria*, *Teichospora*, *Schizostoma*, *Mycosphaerella*, *Leptosphaeria*, *Thyridium*, *Hysteroglyphium*, *Hypoderma*, *Phyllosticta* (2), *Phoma*, *Rhabdospora*, *Dothiorella*, *Sphaeropsis* (2), *Diplodia*, *Ascochyta*, *Stagonospora*, *Camarosporium*, *Septoria* (3), *Kellermania*, *Cylindrosporium*, *Pestalozzia*, *Diplocladium*,

*Hadrotrichum*, *Pilacre*, *Exosporium*, *Dasyscypha*, *Pyrenopeziza*, *Haematomyxa* and *Puccinia*.

**Evans, A. W.** A new Genus of Hepaticae from the Hawaiian Islands. Bull. Torr. Club, 27: 97-104. *pl. 1.* 24 Mh. 1900.

*Acromastigum* nov. gen.

**Fernald, M. L.** *Arceuthobium pusillum* in the St. John and St. Lawrence Valleys. Rhodora, 2: 10, 11. Ja. 1900.

**Fernald, M. L.** Is *Artemisia Stelleriana* a native of New England? Rhodora, 2: 38-40. F. 1900.

**Fernald, M. L.** Re-discovery of *Eleocharis diandra*. Rhodora, 2: 60. Mh. 1900.

**Fernald, M. L.** Some Northeastern Species of *Scirpus*. Rhodora, 2: 15-21. Ja. 1900.

*S. pedicellatus*, *S. atratus*, and *S. rubrotinctus*, sp. nov. *S. pedicellatus pullus*, *S. atrocinctus grandis*, *S. rubrotinctus confertus*, and *S. sylvaticus Bissellii*, var. nov. *S. cyperinus condensatus* and *S. cyperinus Andrewsii*, nom. nov.

**Graves, C. B.** A little-known New England Goldenrod. Rhodora, 2: 57-59. Mh. 1900.

**Greenman, J. M.** New Species and Varieties of Mexican Plants. Proc. Am. Acad. 35: 307-315. 16 Mh. 1900.

New species in *Spiranthes*, *Hosackia*, *Stemmadenia*, *Physalis*, *Lamoureauxia*, *Coreopsis*, *Spilanthes*, *Dysodia*, and *Lygodesmia*.

**Haberer, J. V.** *Eleocharis diandra* in Central New York. Rhodora, 2: 61. Mh. 1900.

**Halsted, B. D.** The new Field Botany. Appleton's Pop. Sci. Month. 56: 98-105. N. 1899.

**Harper, R. M.** Further Additions to the Flora of Amherst. Rhodora, 2: 68-70. Mh. 1900.

**Holm, T.** Catalogue of Plants collected by Messrs. Schuchert, Stein and White on the East Coast of Baffin's Land and West Coast of Greenland. Bull. Torr. Club, 27: 65-68. 17 F. 1900.

**Holmberg, E. L.** Una critica sobre "La Flora Argentino." Anal. Soc. Cien. Argentina, 48: 257-293. N. 1899.

**Hyams, C. W.** The Flora of North Carolina from Ranunculaceae to Salviniaceae. Bull. N. C. Agric. Exper. Sta. 164: 289-365. 1899.

**Jack, J. G.** *Arceuthobium pusillum* in Massachusetts. Rhodora, 2: 6-8. *pl. 13.* Ja. 1900.

**Jones, L. R.** *Arceuthobium pusillum* on a new host in Vermont. Rhodora, 2: 8, 9. *pl. 14.* Ja. 1900.

**Kofoed, C. A.** A preliminary Account of some of the Results of the Plankton Work of the Illinois Biological Station. Science, II. 11: 255-258. 16 F. 1900.

- Kurtz, F.** Essai d'une Bibliographie botanique de l'Argentine. Bol. Acad. Nac. Ciencias de Cordoba, **16**: 117-208. 1900. [Separate, pp. 1-91.]
- Leavitt, R. G.** The Relation of certain Plants to atmospheric Moisture. Rhodora, **2**: 29-32. F. 1900; 63-68. Mh. 1900.
- Lovell, J. H.** The Visitors of the Caprifoliaceae. Am. Nat. **34**: 37-51. Ja. 1900.
- MacDougal, D. T.** The Nature and Work of Plants; An Introduction to the Study of Botany. i-xvii, 1-218. New York, 1900.
- Mangin, L.** Observations sur la membrane des Mucorinées. Jour. de Bot. **13**: 209-216; 276-287, 307-316; 339-348; 371-378. pl. 7-8. Jl.-D. 1899.
- Meehan, T.** *Mammillaria Missouriensis*. Meehan's Monthly, **10**: 33, 34. Mh. 1900.
- Merrill, E. D.** A list of Mosses collected at Katahdin Iron Works, Maine. Rhodora, **2**: 61-63. Mh. 1900.
- Morris, E. L.** A Revision of the Species of *Plantago* commonly referred to *Plantago Patagonica* Jacquin. Bull. Torr. Club, **27**: 105-119. 24 Mh. 1900.
- Patterson, F. W.** Some woody Fungi. Asa Gray Bull. **8**: 13-19. F. 1900.
- Renauld, F., & Cardot, J.** Musci exotici novi vel minus cogniti. Bull. Soc. Roy. de Bot. de Belgique, **38**<sup>2</sup>: 1-48. F. 1900.  
New species in *Campylopus* (2), *Leptodontium*, *Miclichhoferia*, *Bryum* (2), *Mnium*, *Garovaglia* and *Papillaria* from Mexico and Costa Rica.
- Rich, W. P.** The Heather in New England. Rhodora, **2**: 53, 54. Mh. 1900.
- Robinson, B. L.** New Phanerogams, chiefly Gamopetalae, from Mexico and Central America. Proc. Amer. Acad. **35**: 323-342. 16 Mh. 1900.  
New species in *Hechtia*, *Telanthera*, *Mimosa* (2), *Stevia* (5), *Piptothrix*, *Eupatorium* (19), *Porophyllum*, and *Perezia*.
- Robinson, B. L.** Synopses of the Genera *Jaegeria* and *Russellia*. Proc. Am. Acad. **35**: 315-321. 16 Mh. 1900.
- Robinson, B. L.** The dwarf Mistletoe in New England. Rhodora, **2**: 1, 2. Ja. 1900.
- Rothrock, J. T.** Post Oak, Iron Oak, Barrens White Oak (*Quercus stellata* Wang.). Forest Leaves, **7**: 104. F. 1900. [Illust.]
- Rusby, H. H.** An Enumeration of the Plants collected by Dr. H. H. Rusby in South America, 1885-1886, XXIX. Bull. Torr. Club, **27**: 69-84. 17 F. 1900.  
New species in *Besleria*, *Bignonia* (4), *Macfadyena*, *Plonotoma*, *Jacaranda*,

*Ruellia* (2), *Lepidagathis*, *Aphelandra* (2), *Pseuderanthemum*, *Justicia* (2), *Jacobinia*, *Citharexylon*, *Aegiphila*, *Clerodendron* and *Bystropogon*.

**Rusby, H. H.** An Enumeration of the Plants collected by Dr. H. H. Rusby in South America, 1885-1886, XXX. Bull. Torr. Club, 27: 124-137. 24 Mh. 1900.

New species in *Salvia*, *Pisonia*, *Neea* (2), *Uvifera*, *Triplaris* (2), *Loranthus* and *Phoradendron* (4).

**Saunders, D. A.** Ferns and Flowering Plants of South Dakota. Bull. So. Dakota Exper. Sta. 64: 101-227. 1899.

**Schrenk, H. von.** Notes on *Arceuthobium pusillum*. Rhodora, 2: 2-5. pl. 12. Ja. 1900.

**Schumann, K.** *Echinocactus clavatus* Söhlrens. Monatschr. für Kakteenkunde, 10: 27, 28. 15 F. 1900. [Illust.]

**Scribner, F. L., & Merrill, E. D.** Studies on American Grasses. The North American Species of *Chaetochloa*. Bull. U. S. Dept. Agric. (Div. Agrost.) 21: 1-44. f. 1-24. 8 Mh. 1900.

*C. apiculata*, *gibbosa*, *hispida*, *leucopila*, *Australiensis*, *macrosperma*, *villosissima*, and various new combinations in this and allied genera.

**Stone, G. E.** Luxuriant Development of *Spirogira crassa* in refilled Ponds. Rhodora, 2: 33, 34. F. 1900.

**Stone, G. E.** The Walking Fern in Worcester County, Massachusetts. Rhodora, 2: 14. Ja. 1900.

**Suksdorf, [W.] N.** Washingtonische Pflanzen. Deutsche Bot. Monatschrift, 18: 26, 27. F. 1900.

New species and varieties in *Saxifraga*.

**Trelease, W.** Eleventh Annual Report of the Director. Rep. Mo. Bot. Gard. 11: 12-21. 1900.

**Ulme, E. B.** New Dioscoreas from Mexico. Proc. Amer. Acad., 35: 322, 323. 16 Mh. 1900.

*D. panicicola* and *D. Oaxacensis*, new.

**Urban, I.** Bibliographia Indiae occidentalis botanica. Continuatio I. Symb. Antillanae, 2: 1-7. 15 Ja. 1900.

**Van Tieghem, P.** Sur les Canellacées. Jour. de Bot. 13: 266-276. S. 1899.

**Wanio, E. A.** Lichenes novi rarioresque. Ser. III. Beiblatt zur Hedwigia, 38: (253)-(259). 25 Ja. 1900.

New species in *Pertusaria*, *Sticta*, *Leptogium*, *Graphis*, *Arthonia*, *Bottaria*, *Pyrenula*, *Thelenella*, *Porina*, *Arthopyrenia*, *Didymella*, and *Corella* from Guadeloupe, W. I.

**Webster, H.** Unusual Variations of two common Agarics. Rhodora, 2: 32, 33. F. 1900.

**Wildeman, E. de.** Un *Theobroma* nouveau. Bull. Herb. Boiss. 7: 957, 958. 30 D. 1899.

*Theobroma Kalagua* De Wild., from the United States of Colombia.

- Williams, E. F.** *Bartonia iodandra*, new to the United States. *Rhodora*, **2**: 55-57. *pl.* 15. *f.* 1-7. Mh. 1900.
- Williams, F. N.** Critical Notes on some Species of *Cerastium*. *Jour. Bot.* **36**: 341-344. S. 1898; 382-387. O. 1898; **37**: 116-124. Mr. 1899; 209-216. My. 1899; 310-315. Jl. 1899; 474-477. N. 1899.
- Williams, T. A.** *Poa Fendleriana* and its Allies. *Circ. U. S. Dept. Agric. (Div. Agrost.)* **10**: 1-6. 15 Ap. 1899.  
*P. scabriuscula* sp. nov. and several new varieties.
- Williams, T. A.** The velvet-stemmed *Collybia*. *Asa Gray Bull.*, **8**: 1. *pl.* 1. F. 1900.
- Woods, A. F.** The Destruction of Chlorophyll by oxidizing Enzymes. *Centralb. für Bakteriologie*, **5**: 745-754. 1899.
- Woods, A. F.** Cultivation of Algae in Aquaria. *Jour. App. Micros.*, **1**: 193. N. 1899.
- Worsdell, W. C.** Observations on the vascular System of the female "Flowers" of Coniferae. *Ann. Bot.* **13**: 527-548. *pl.* 27. D. 1899.
- Zwaluwenburg, A. van, & Schlotterbeck.** Developmental History of important Seeds. *Pharm. Archives*, **2**: 333-343. *pl.* 1, 2. N. 1899.  
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